

REDUCED PIN COUNT MEDIA INDEPENDENT INTERFACE

ABSTRACT OF THE DISCLOSURE

A system and method are disclosed for providing a method of communicating between a media access control (MAC) layer and a physical (PHY) layer. The method includes sending a 100 MHz time-division multiplexed signal on a receive data line and sending a time-division multiplexed receive control signal on a receive control line. A 100 MHz time-division multiplexed signal is sent on a transmit data line and a time-division multiplexed transmit control signal is sent on a transmit control line.